

Name _____

Date _____

YOUR BODY: THE BRAIN

While scientists, surgeons and doctors have mapped and studied every part of the body, there is still not much we know about the **human brain**. Your brain is a powerful, complex, clever organ that deals with hundreds of messages around you. The brain receives messages from many, many **nerve cells** all through your body. These messages are sparked when you see, hear, smell, touch, taste and move in your world. **Nerve fibers** across your body are like computer wires, where information can travel all the way from your little toe to the nerve cells in your brain.

The brain is split into **two hemispheres**, and each hemisphere controls a side of your body. Interestingly, the left side of your brain controls the right side of

your body, while the right hemisphere controls the left side of your body.

Scientists have sectioned the brain into different lobes, based on how they interact with the information around you. The **frontal lobe** helps you talk, plan ahead, smell, and even solve problems. You can recognize faces and what people are saying because of the **temporal lobe**. The **parietal lobe** assists with your sense of taste and how you move, while the **occipital lobe** allows you to see.

Your brain is an important organ that helps you live, so be sure to protect it with the right safety gear when you bike or play sports! **Brain safety is smart safety.**

You will need crayons, markers, or colored pencils for the following activity.

1. You use this part of the brain to talk, smell, plan and solve problems. Color this brain lobe **green**.
2. Color the brain lobe that controls your vision **red**.
3. This part of the brain controls your hearing. Color the brain lobe **yellow**.
4. Color the brain lobe that helps you move and taste food **blue**.

